

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	decod\$4 sparse transform graph code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 16:45
L2	2	decod\$4 sparse transform and graph code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 16:45
L3	17	sparse transform and graph code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 16:46
L4	3	3 and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 16:46
L5	7	3 and decod\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 16:46
L6	7	5 and select\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 16:46
L7	2	6 and iterativ\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 16:47
L8	2	6 and (construct\$4 select\$4 initial\$4 output )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/20 16:49
L9	7	6 and (construct\$4 select\$4 initial\$4 output )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 17:31

## EAST Search History

L10	1	fstfg	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 17:32
L11	1084840	fast sparse transform and factor graph	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 17:33
L12	6	fast sparse transform and factor graph	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 17:37
L13	3	decod\$4 near4 soft-input near4 cost	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 18:09
L14	0	(n and k) same spare near4 transform	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 18:10
L15	6	(n and k) same sparse near4 transform	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 18:11
L16	6	15 and (decod\$4 sparse transform factor graph code soft-input cost function encod\$5 message decoder iterativeupdat\$4 decoder decod\$4 procedure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:37
L17	2	decod\$4 same sparse near4 transform same factor near4 graph near4 code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:25
L18	2	decod\$4 same sparse near4 transform same factor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:25
L19	16	decod\$4 same sparse near4 transform	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:26

## EAST Search History

L20	2	19 and factor near4 graph	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:27
L21	283674	(decod\$4 sparse transform).ti. (decod\$4 sparse transform).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:28
L22	9	(decod\$4 and sparse and transform). ti. (decod\$4 and sparse and transform).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:29
L23	9	22 and (decod\$4 sparse transform factor graph code soft-input cost function encod\$5 message decoder iterativeupdat\$4 decoder decod\$4 procedure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:35
L24	1	23 and (N and K) same sparse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:36
L25	350	(N and K) same sparse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:36
L26	350	(N and K) same sparse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/20 18:36
L27	350	26 and (decod\$4 sparse transform factor graph code soft-input cost function encod\$5 message decoder iterativeupdat\$4 decoder decod\$4 procedure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:37
L28	350	11 and 27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:37
L29	96	21 and 28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:38

## EAST Search History

L30	49	29 and decod\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 18:38
L31	14	30 and iterative same decod\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 19:01
L32	1	31 and decod\$4 same sparse near4 transform	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 19:02
L33	14	31 and (decod\$4 sparse transform)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 19:03
L34	7	33 and construct\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 19:03
L35	14	33 and (construct\$6 select\$4 initial\$4 iterative updat\$4 output\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 19:08
L36	2	35 and (decod\$4 same soft near4 input)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 19:12
L37	1085	(decod\$4 same soft near4 input)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 19:12
L38	906	(decod\$4 near5 soft near4 input)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 19:59
L39	2	35 and 38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 19:13

## EAST Search History

L40	4	(code near4 word and repeat\$4 near4 iteration and decod\$4 same sparse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 20:02
L41	2	40 and soft near4 input	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 20:03
L42	3	sparse near4 transform and soft near4 input	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 20:06
L43	829	mitsubishi adj electric adj research	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 20:07
L44	14	43 and decod\$4 same sparse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 20:08
L45	358	decod\$4 same sparse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 20:08
L46	2	45 and (transform factor graph code soft-input)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 20:09
L47	333	45 and (transform factor graph code soft-input)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 20:09
L48	35	47 and construct\$4 same sparse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 20:10
L49	31	48 and encod\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 20:10

## EAST Search History

L50	9	49 and decod\$4 procedure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 20:35
L51	9	50 and sparse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 20:35
L52	3	51 and transform	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 20:59
L53	3	52 and sparse\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 21:02
L54	3	53 and transform\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/06/20 21:30
L55	13	(reed-solomon golay non-binary)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/20 21:32
L56	1	55 and sparse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/20 21:32
L57	1	55 and sparse\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/20 21:33